# AP20 Rec'd PULLIU 14 FEB 2006

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Takamitsu ASANUMA

Application No.: New U.S. National Stage of PCT/IB2004/001614

Filed: February 14, 2006 Docket No.: 126251

For: EXHAUST GAS CONTROL APPARATUS AND EXHAUST GAS CONTROL METHOD FOR INTERNAL COMBUSTION ENGINE

#### **INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of one or more non-English language reference is discussed in the present specification. See References 3-5.
- 3. One or more reference cited herein was cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information. See References 1-2 & 6-8.
- 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 5. A concise explanation of the relevance of one or more non-English language reference cited herein appears in the Appendix attached hereto. See References 4-5.
- 6. An English language Abstract of one or more non-English language reference is attached hereto. See References 3-5 & 7.

7. A computer-generated English language translation of one or more Japanese Patent Publication cited herein has been obtained from the website of the Japanese Patent Office ([http://www.jpo.go.jp]), and is attached, but has not been reviewed for accuracy. See References 3-5.

Respectfully submitted.

James A. Oliff

Registration No. 27,075

William P. Berridge Registration No. 30,024

JAO:WPB/nxy

Date: February 14, 2006

OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, Virginia 22320 Telephone: (703) 836-6400 DEPOSIT ACCOUNT USE
AUTHORIZATION
Please grant any extension
necessary for entry;
Charge any fee due to our
Deposit Account No. 15-0461

## 1AP20 Rec'd PCT/PTO 14 FEB 2006

Sheet 1 of 1

Form PTO-1449 (REV. 1/06)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 126251		10	APPLICATION 18 1	
	INFORMA <sup>*</sup>	TION DISCLOSURE STATEMENT	₹T				PCT/IB200	05/001614
(Use several sheets if necessary)				APPLICANT Takamitsu ASANUMA				
				FILING DATE February 14, 2006			GROUP	
		U.	S. PATEN	NT DOCUMENTS				
Examiner Initials	Cite No.	Document Number	Date		Name			
	1.	2003/0170577 A1	09/11/2003		Tillmann BRAUN et al.			
	2.	2004/0025499 A1	02/12/2004		Koichiro NAKATANI et al.			
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Document Number	Da	ite	Country		With English Abstract	With English Translation
	3.	JP-A-2001-303937	10/31/	/2001	JAPAN		x	x
	4.	JP-A-06-173652	06/21/	/1994	JAPAN		х	х
	5.	JP-A-2000-230419	08/22	/2000	JAPAN		х	х
	6.	EP 1 324 037 A1	07/02	/2003	EUROPEAN PATENT OFFICE			
,	7.	JP-A-58-099751	06/14/	/1983	JAPAN		х	
	8.	EP 0 971 101 A2	01/12/	/2000	EUROPEAN PATENT OFFICE			
OTHER DOCUMENTS								
Examiner Initials	Cite (Including Author, Title, Date, Pertinent Pages, etc.) No.							
			_				<del></del> -	<del></del>
EXAMINER						ATE CONSIDERED		
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance								
and not considered. Include copy of this form with next communication to applicant.								

Date: February 14, 2006

### IAP20 Rec'd PCT/PTO 14 FEB 2006

### **APPENDIX**

JP-A-06-173652 (06/21/1994)

Discloses the structure provided with  $NO_X$  absorbent and  $SO_X$  absorbent for absorbing and releasing  $NO_X$  and  $SO_X$ , respectively to protect  $NO_X$  absorbent from S-poisoning.

JP-A-2000-230419 (08/22/2000)

Discloses the structure in which the deterioration in the  $SO_X$  absorbent is judged based on the sulfur concentration.